SPYWOLF

Security Audit Report

Completed on

August 2, 2022

OVERVIEW

This audit has been prepared for **DOODLE INU** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal
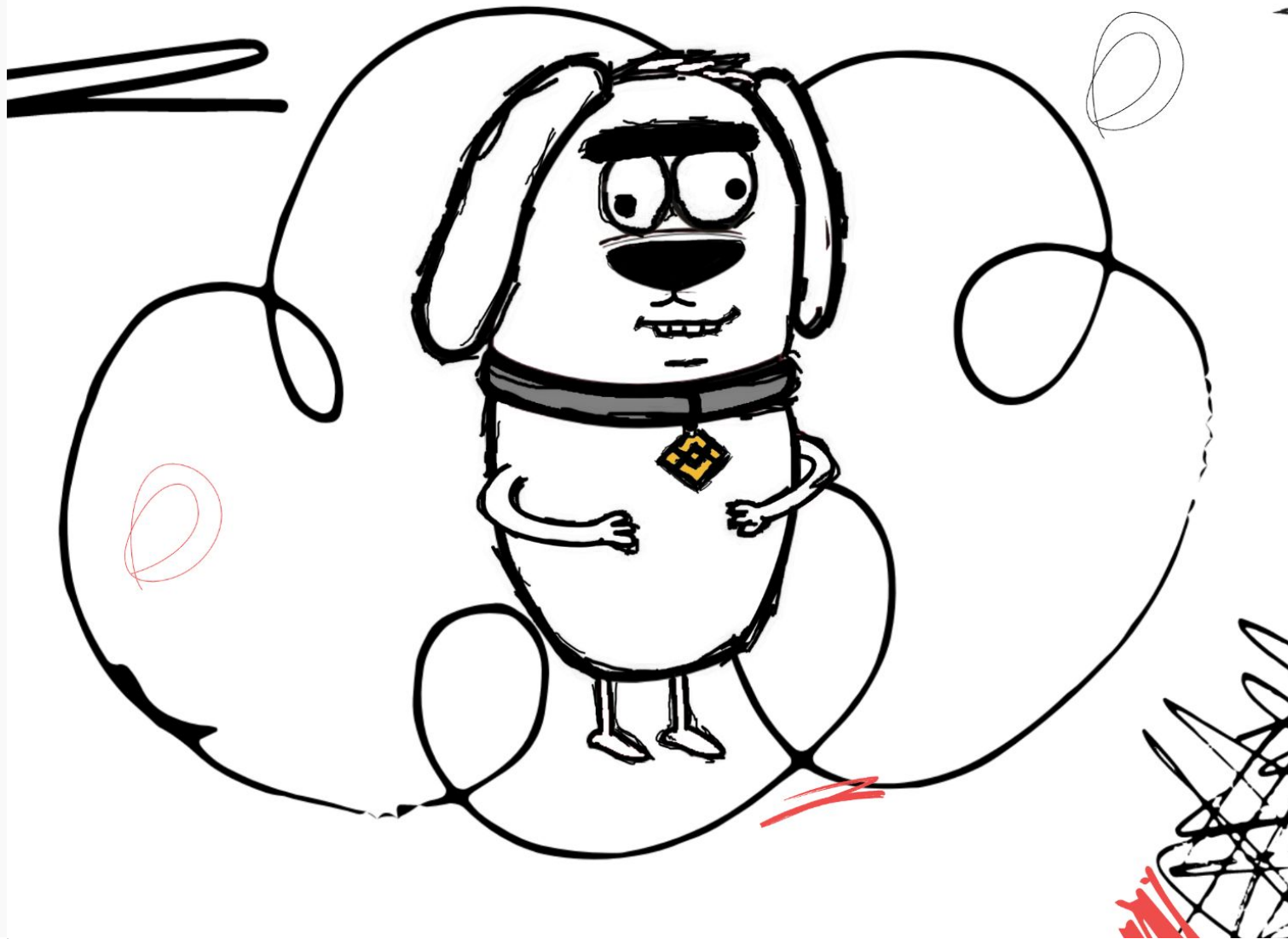
– SPYWOLF Team –

TABLE OF CONTENTS

DOODLE INU

PROJECT DESCRIPTION

According to their litepaper:

Doodle is all about fun, community and Kreativity. Doodle Inu team thought that meme coins had gotten away from what they were built on, so they decided to bring a brand new original meme to the market. The project aims to build Doodle dApp drawing tool with which users can draw doodles and memes and upload them as NFTs.

Release Date: Launched on August 1, 2022

Category: Meme coin

01
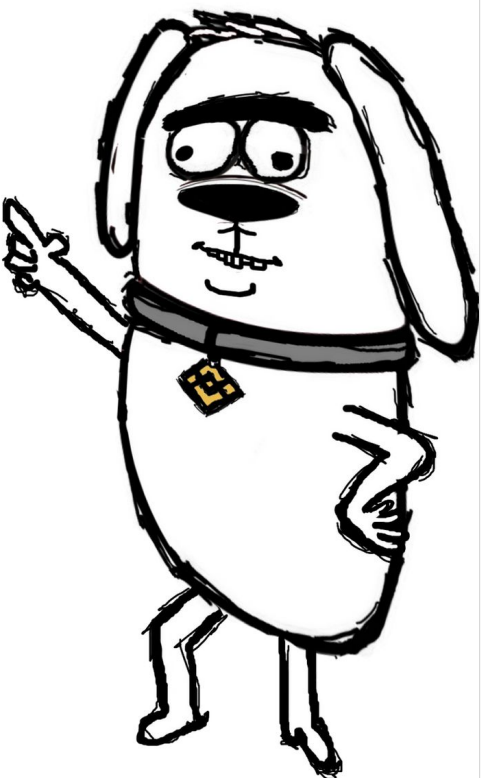
CONTRACT INFO

Token Name
Doodle Inu

Symbol
$DOOD

Contract Address
0x6Ecdfac12A022A632f216C1DbdDdDe05762a214C

Network
Binance Smart Chain

Language
Solidity

Deployment Date
August 01, 2022

Verified?
Yes

Total Supply
952,847,472,126,326,000,000

Status
Launched

TAXES

Buy Tax
1%

Sell Tax
19%

*Taxes can be changed in future

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

02

CURRENT STATS

(As of August 02, 2022)

Liquidity

PancakeSwap:
45 WBNB

Burn

4.8% of total supply

Status:
Launched!

MaxTxAmount
10,000,000,000,000,000,000

DEX:
PancakeSwap

LP Address(es)

Pancakeswap:
0xEA1686a92F1046e7d3069182112b1D7EB88b9579

92% locked in Mudra - unlocks at September 5, 2022
https://mudra.website/?certificate=yes&type=0&lp=0xea1686a92f1046e7d3069182112b1d7eb88b9579

03

TOKEN TRANSFERS STATS

Transfer Count	2364
Uniq Senders	616
Uniq Receivers	970
Total Amount	5.085391543906694e+21 $DOOD
Median Transfer Amount	684169979123530100 $DOOD
Average Transfer Amount	2151180856136503600 $DOOD
First transfer date	2022-08-01
Last transfer date	2022-08-02
Days token transferred	2

SMART CONTRACT STATS

Calls Count	8107
External calls	926
Internal calls	7181
Transactions count	3070
Uniq Callers	751
Days contract called	2
Last transaction time	2022-08-02 17:29:17 UTC
Created	2022-08-01 13:25:17 UTC
Create TX	0x5eadb7465bcb38973ed028f34e0bfc28bbc47e34178b9574aca3badb1c1e1e1c
Creator	0x93632da30ef5050bd46e68d4aa54625a9e976902

04

FEATURED WALLETS

Owner address	0x93632da30ef5050bd46e68d4aa54625a9e976902
Development address	Same as owner
Marketing wallet	0x18c9ed58490282d1fa82b99edfd79b5cd82c3ca1
LP address	**Pancakeswap:** **0xEA1686a92F1046e7d3069182112b1D7EB88b9579** **92% locked in Mudra - unlocks at September 5, 2022** https://mudra.website/?certificate=yes&type=0&lp=0xea1686a92f1046e7d 3069182112b1d7eb88b9579

TOP 3 UNLOCKED WALLETS

1

9.44%   Same as owner

0x8af16ba4dae04be5ac3e696de50fcf966e12e796   **1.99%**   2

3   **1.97%**   0x65b54f7d089c991bbe920be63da589147a524112

05

SPYWOLF.CO
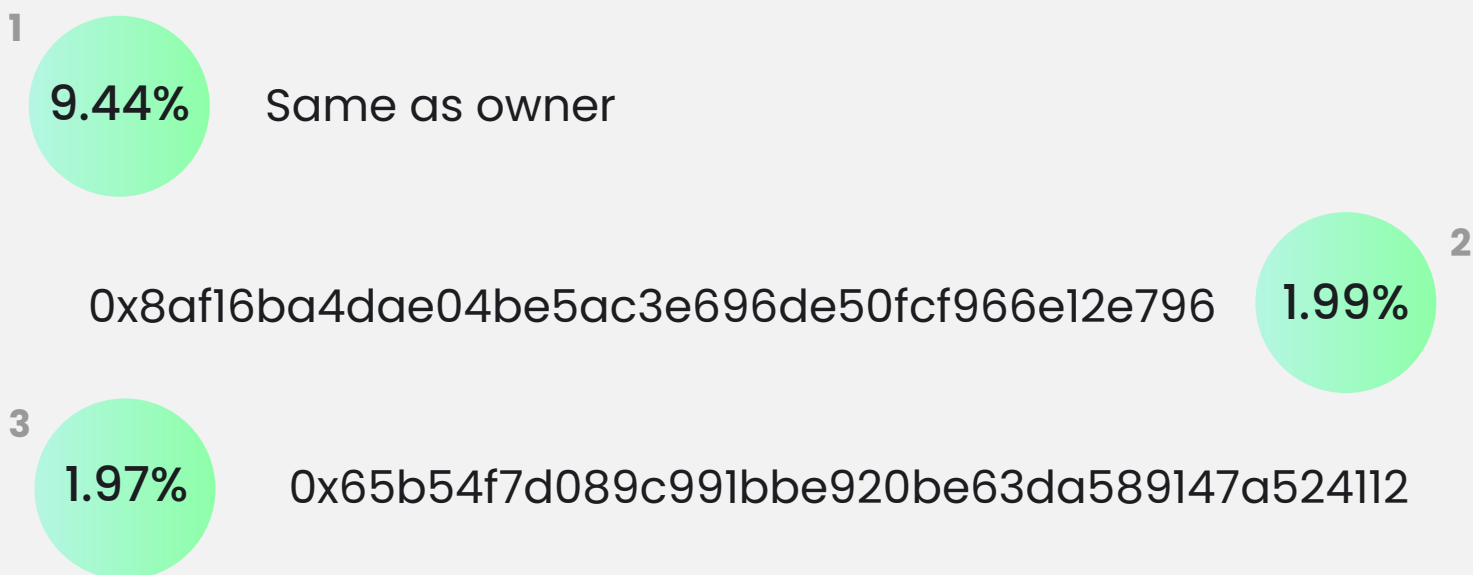
VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

FOUND THREATS

⚠️ High Risk

Owner can set buy, sell and transfer fees up to 100%.

```
function TeamSetTaxes(uint8 burnTaxes, uint8 liquidityTaxes,
uint8 stakingTaxes,uint8 buyTax, uint8 sellTax, uint8 transferTax) public onlyOwner{
    uint8 totalTax=burnTaxes+liquidityTaxes+stakingTaxes;
    require(totalTax==100, "burn+liq+marketing needs to equal 100%");

    _burnTax=burnTaxes;
    _liquidityTax=liquidityTaxes;
    _stakingTax=stakingTaxes;

    _buyTax=buyTax;
    _sellTax=sellTax;
    _transferTax=transferTax;
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.

ℹ️ Informational

Owner can exclude address from fees.

```
function AddWalletExclusion(address exclusionAdd) public onlyOwner{
    _excluded.add(exclusionAdd);
}
```

Owner can change max wallet and max sell limits, but cannot lower max sell than 1% of total supply.

```
uint8 public constant BalanceLimitDivider=100;
uint16 public constant SellLimitDivider=100;

function TeamUpdateLimits(uint256 newBalanceLimit, uint256 newSellLimit) public onlyOwner{
    //SellLimit needs to be below 1% to avoid a Large Price impact when generating auto LP
    require(newSellLimit<_circulatingSupply/100);
    //Adds decimals to limits
    newBalanceLimit=newBalanceLimit*10**_decimals;
    newSellLimit=newSellLimit*10**_decimals;
    //Calculates the target Limits based on supply
    uint256 targetBalanceLimit=_circulatingSupply/BalanceLimitDivider;
    uint256 targetSellLimit=_circulatingSupply/SellLimitDivider;

    require((newBalanceLimit>=targetBalanceLimit),
    "newBalanceLimit needs to be at least target");
    require((newSellLimit>=targetSellLimit),
    "newSellLimit needs to be at least target");

    balanceLimit = newBalanceLimit;
    sellLimit = newSellLimit;
}
```

08-D

RECOMMENDATIONS FOR

GOOD PRACTICES

1 Consider fundamental tradeoffs

2 Be attentive to blockchain properties

3 Ensure careful rollouts

4 Keep contracts simple

**5** Stay up to date and track development

DOODLE INU
GOOD PRACTICES FOUND

✔ The owner cannot mint new tokens after deployment

✔ The owner cannot stop or pause the contract

✔ The owner can set a max sell transaction limit, but cannot lower it than 1% of total supply

09

*The following tokenomics are based on the project's whitepaper and/or website:

- 24.6% - Liquidity pair
- 9.4% - Owner
- 9.1% - Top 5 holders
- 56.9% - Rest of the holders

Tokens distribution

Liquidity pair
24,6%

Owner
9,4%

Top 5 holders
9,1%

Rest of the holders
56,9%

SPYWOLF.CO
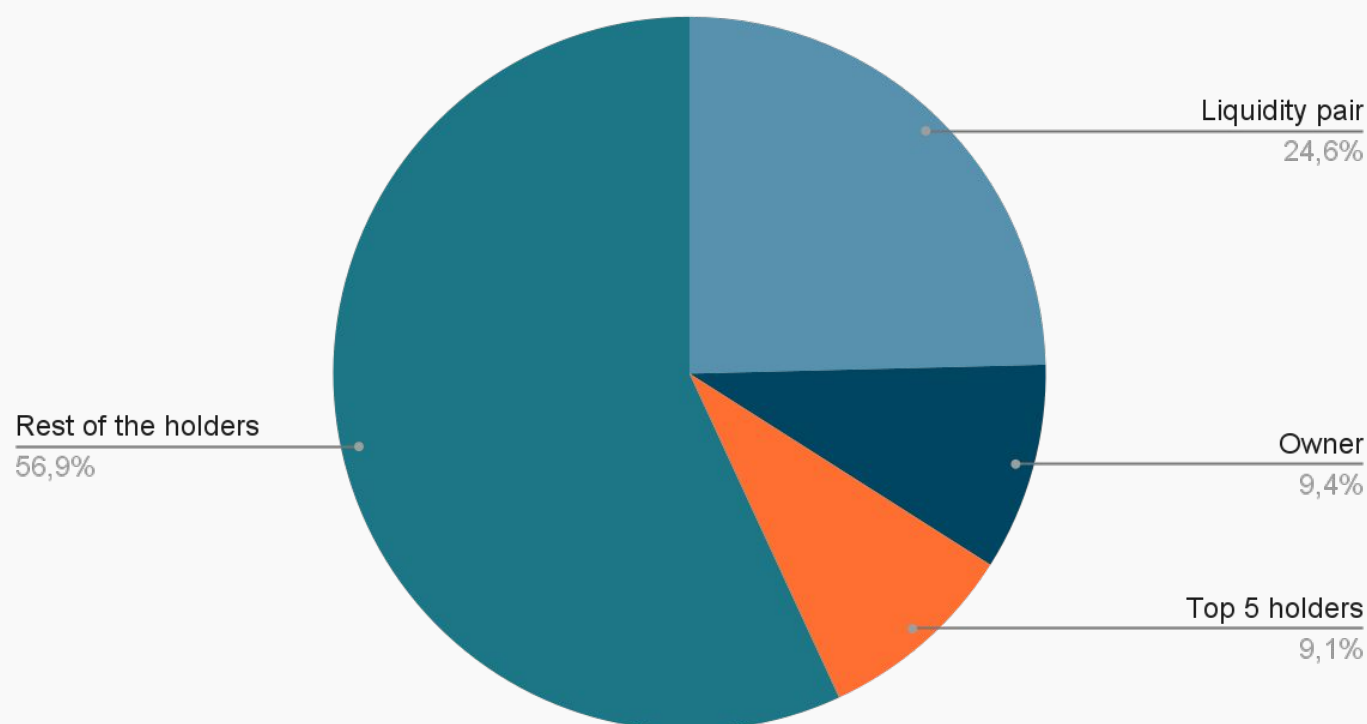
THE TEAM

⚠️ The team is annonymous

KYC INFORMATION

⚠️ No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.

KYC
CERTIFICAT
ISSUED ON
MAY 31, 2022

11

Website URL
https://www.doodleinu.net/

Domain Registry
http://www.wix.com

Domain Expiration
Expires on 2023-07-29

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page, appropriate color scheme and graphics.

Content
The information helps new investors understand what the product does right away. No grammar mistakes found.
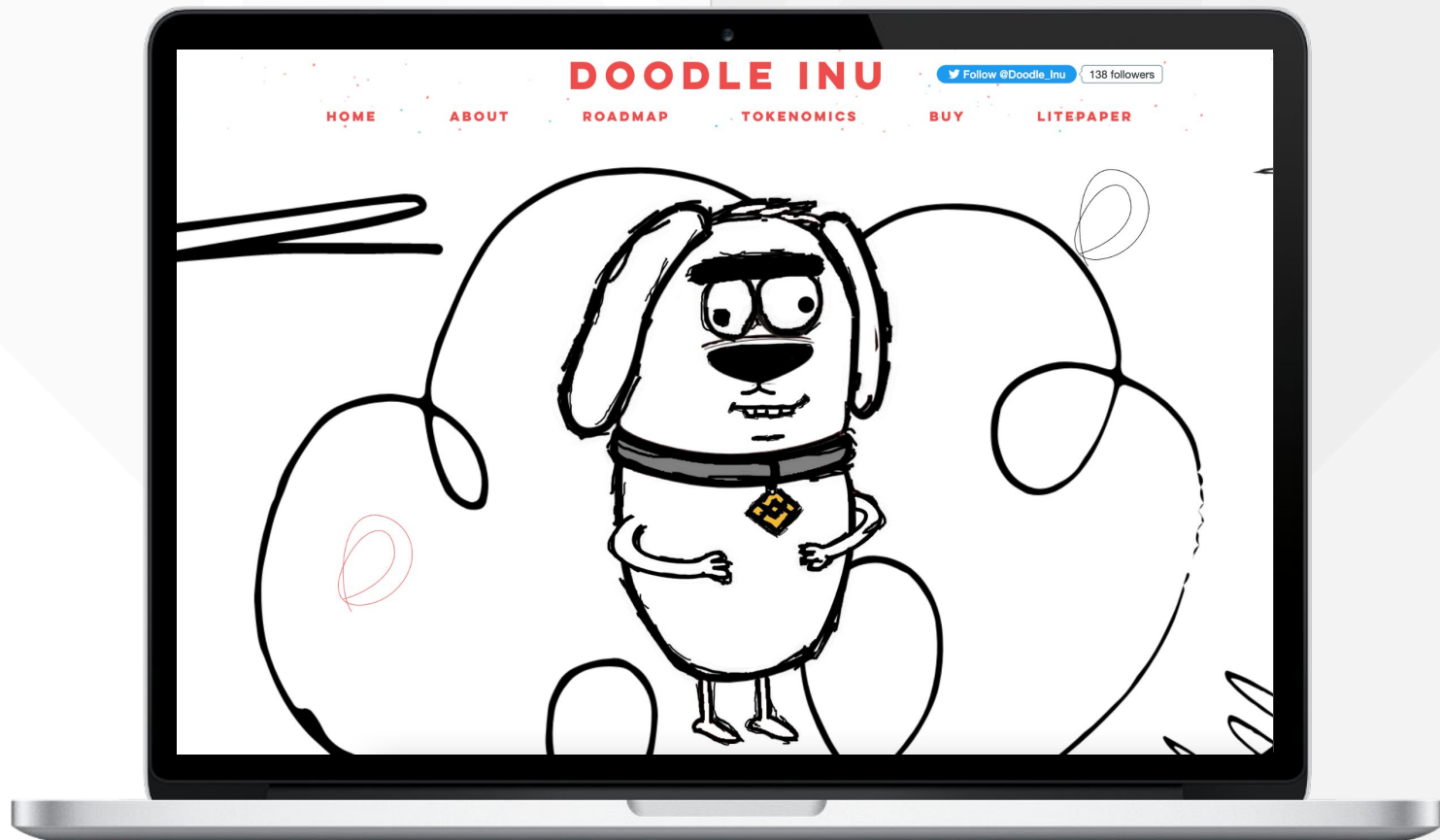
Whitepaper
Well written explanatory, bit short.

Roadmap
Yes, goals set without time frames. Not many utilities planned.

Mobile-friendly?
Yes

DOODLE INU

HOME   ABOUT   ROADMAP   TOKENOMICS   BUY   LITEPAPER

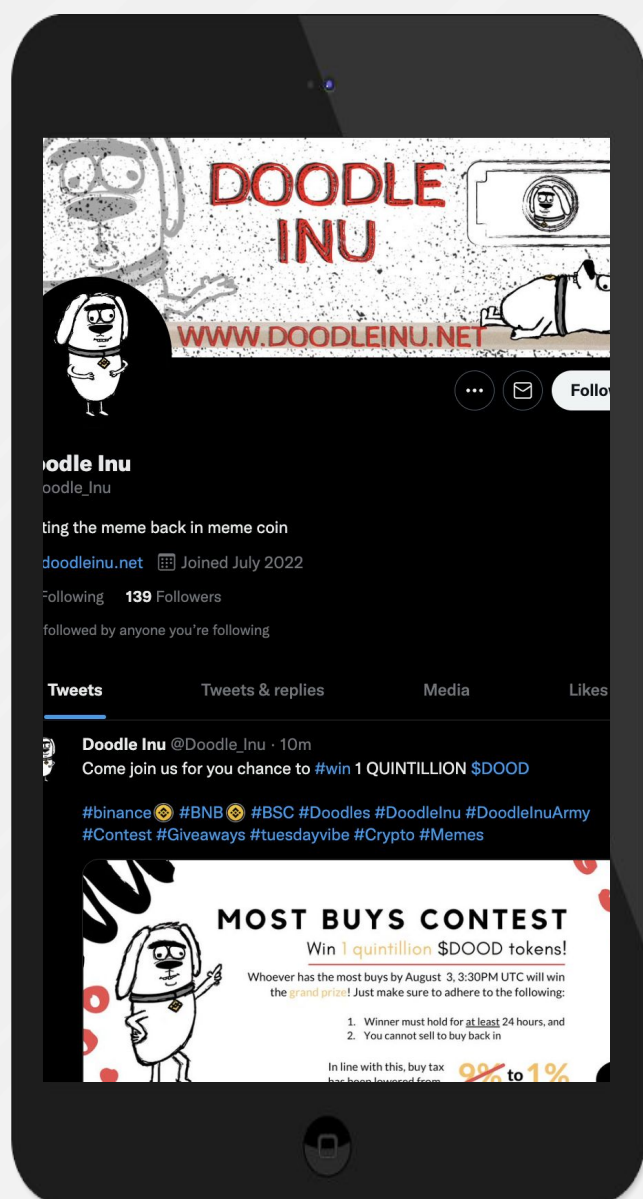Follow @Doodle_Inu   138 followers

doodleinu.net

SOCIAL MEDIA

& ONLINE PRESENCE

Project's social media pages are active with organic activity

Twitter

@Doodle_Inu

- 143 followers
- Active
- Posts frequently

Discord

- Not available

Telegram

@DoodleInuPortal

- 783 members
- Active members
- Active mods

Medium

- Not available

13

SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✔ OVER 150 SUCCESSFUL CLIENTS
- ✔ MORE THAN 500 SCAMS EXPOSED
- ✔ MILLIONS SAVED IN POTENTIAL FRAUD
- ✔ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✔ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to contact@spywolf.co or t.me/joe_SpyWolf

FIND US ONLINE

🌐 SPYWOLF.CO

🌐 SPYWOLF.NETWORK

✈ @SPYWOLFNETWORK

✈ @SPYWOLFOFFICIAL

🐦 @SPYWOLFNETWORK

🐙 @SPYWOLFNETWORK

14

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER:

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.